

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

10/31/11

Sheila Lawn Assistant District Attorney, Suffolk County

Dear Ms. Lawn,

Enclosed is the information you requested in regards to Commonwealth vs.
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Control Cards with analytical results for sample #'s

3. Analysis sheets with chemist's hand notations and test results.

GC/Mass Spectral analytical data for sample #'s

GC/MS testing was performed by Nicole Medina. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

1 (By 11

Sincerely.

Kate Corbett Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

cc: NEM



CC #		
BOOK#	(.3	
PAGE #	13	

DRUG RECEIPT	PAGE #				
	DESTRUCTION #				
District/Unit DY DX61F					
Name & Rank of Arresting Officer		ID# <u>9)\$13</u>	8/ 86209		
DEFENDANT'S NAME	ADDRESS	CITY	STATE		
		BOSTON	MA		
DESCRIPTION OF ITEMS SUBMITTED	GROSS	LAB US	SE ONLY ANALYSIS		
DESCRIPTION OF HEMIS SUBMITTED	QUANTITY	WEIGHT	NUMBER		
A HEROIN (TON POWDER)	19/B	4.39gr			
B' Suboxone (orange Piu)	1 BOWER PILL	4.01 pc			
		, under the contract of the co			
			100.000		
To be completed by ECU personnel only	1				
Name and Rank of Submitting Officer	Thick	Date	1064		
Received by		Date8.5	·//		
/		ECU Control #			
BPD Form 0038-BIS-0907 (prev. 1753)			<i>⊕ শা</i> নু ∑ুঁ≎ হ া ।		

Date Analyzed:

City: Boston D.C.U. Police Dept. 🗠 - aa-1

Officer: P.O. SYBIL WHITE

Def:

Amount: No. Cont:

e i

Cont: pb

Subst: SUB

Date Rec'd: 08/05/2011

Gross Wt.:

4.39

No. Analyzed:

Net Weight: 0. 269

Findings: Hesoin

Date Analyzed:

City: Boston D.C.U. Police Dept.

09-22-11

Officer: P.O. SYBIL WHITE

Def:

Amount:

No. Cont:

1.0

1

Cont: pb

Date Rec'd: 08/05/2011

Gross Wt.:

4.01

No. Analyzed:

Net Weight: (

Prelim: Pupierin Wrindings: Buprenordine

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY_ No. of samples tested:	BOSTON ANALYST KAC Evidence Wt. CL
physical description: I ph Containing product	Gross Wt (): 0.3435g Gross Wt (): 0.0789g Pkg. Wt: 0.0789g Net Wt: 6.2646g
ph inside Cello	
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate () + DUC Marquis + DUY DUC Froehde's + DUY DUC Mecke's + QUEN	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS 1411 DATE 1411	GC/MS CONFIRMATORY TEST RESULTS HUNIN MS OPERATOR NOM DATE 9 22 11

Revised 7/2005

DRUG POWDER ANALYSIS FORM

No. of samples tested:	STOM ANALYST KAC Evidence Wt. Ok
physical description: 2 pieces of a bro orange fablet	Gross Wt (): Pkg. Wt: Net Wt: O 2 Stolo
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt + hue-greer Thiocyanate () + hue-greer Marquis Froehde's + prople Mecke's	
PRELIMINARY TEST RESULTS RESULTS POLYPRONDON OF THE PLANT OF THE PROPERTY OF	GC/MS CONFIRMATORY TEST RESULTS BYPUNOMMUNE OPERATOR NOW DATE 912211

Revised 7/2005

Data File C:\CHEM32\1\DATA\SIG1000002.D

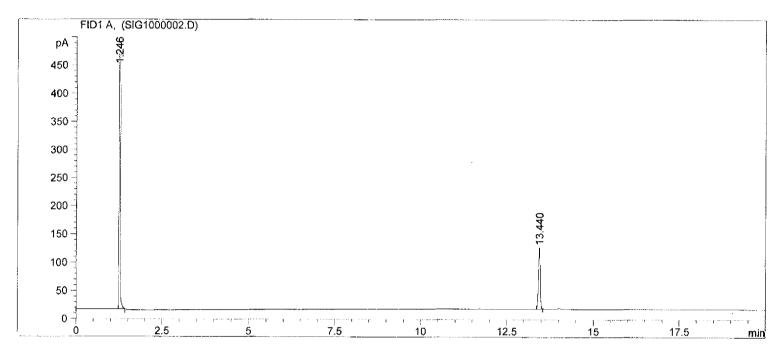
Sample Name: BUPRENORPHINE STD

Acq. Operator : ASD Seq. Line : 2
Acq. Instrument : Drug Lab GC#3 Location : Vial 2
Injection Date : 9/15/2011 8:27:03 AM Inj : 1
Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

	RetTime [min]	_		Area [pA*s]	Height [pA]	Area %
1	1.246	1	BB S	8.41884e4	8.10632e4	99.53588
2	13.440	1	BB	392,56006	107.70788	0.46412

Totals: 8.45809e4 8.11709e4

*** End of Report ***

Data File C:\CHEM32\1\DATA\SIG1000005.D

Sample Name: Blank

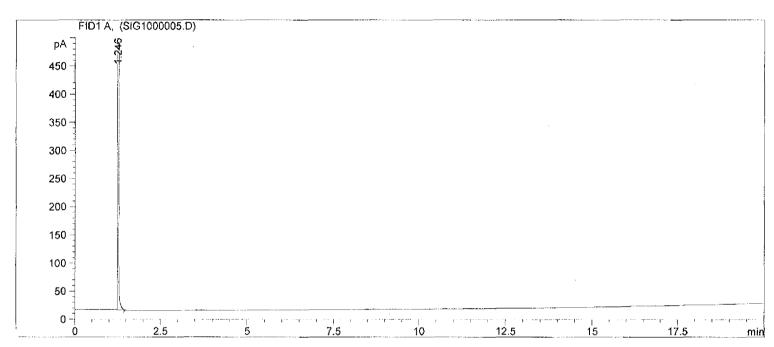
Acq. Operator : ASD Seq. Line : 5
Acq. Instrument : Drug Lab GC#3 Location : Vial 5
Injection Date : 9/15/2011 9:40:03 AM Inj : 1

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHOD\$\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 7.77117e4 8.25105e4

*** End of Report ***

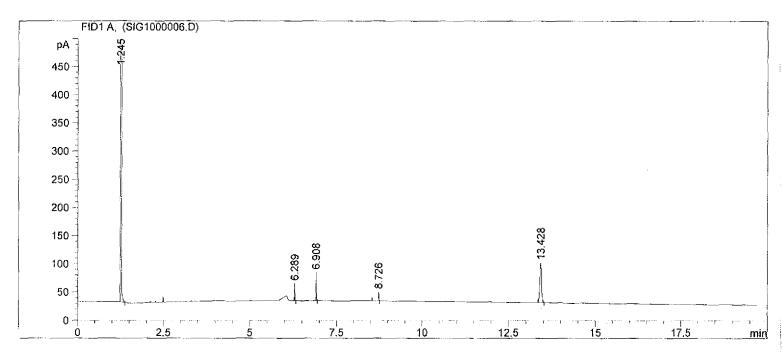
Sample Name:

Acq. Operator : ASD Seq. Line : 6
Acq. Instrument : Drug Lab GC#3 Location : Vial 6

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\BUPRENORPHINE.M

Last changed : 3/7/2011 1:14:28 PM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	<pre>RetTime [min]</pre>	Sig	Туре	e Area [pA*s]	Height [pA]	Area %
				-		
1	1.245	1	BB S	8.10187 e 4	7.77154e4	99.58599
2	6.289	1	BB	24.56930	30.69967	0.03020
3	6.908	1	BB	40.49729	50.24115	0.04978
4	8.726	1	BB	18.45243	15.67116	0.02268
5	13.428	1	BB	253.30182	70.55910	0.31135

Totals: 8.13555e4 7.78825e4

*** End of Report ***

10127111

Information from Data File:

: K:\09_20_11\801623.D File Name

Operator : NEM

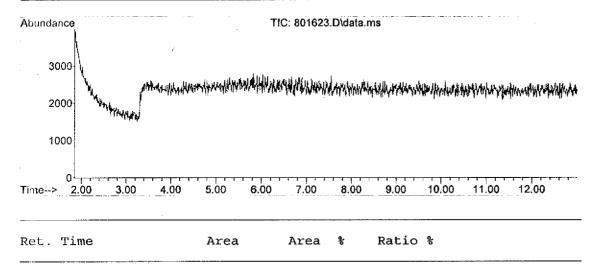
Date Acquired : 20 Sep 2011 15:23

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801624.D

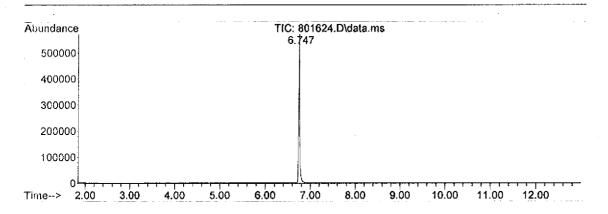
Operator : NEM

Date Acquired : 20 Sep 2011 15:40

Sample Name : HEROIN STD

Submitted by

Vial Number : 24 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.747	916221	100.00	100,00

File Name : K:\09_20_11\801624.D

Operator : NEM

Date Acquired 20 Sep 2011 15:40

: HEROIN STD Sample Name

Submitted by Vial Number 24 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

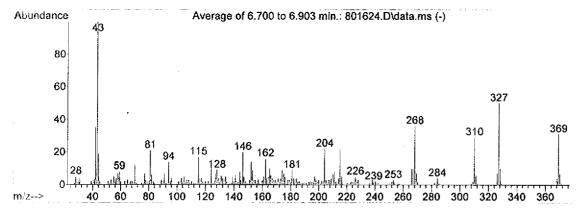
C:\Database\PMW TOX2.L

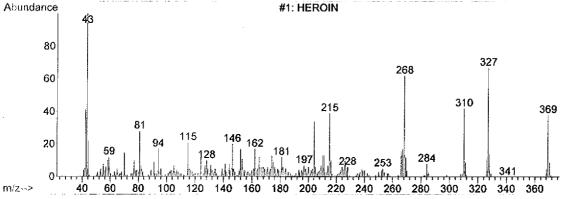
PK# RTLibrary/ID CAS# Qual

C:\Database\SLI.L 1 6.75 HEROIN

000561-27-3

99



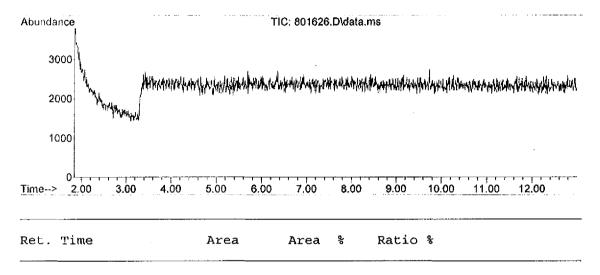


File Name : K:\09_20_11\801626.D

Operator : NEM

Date Acquired : 21 Sep 2011 7:07

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801627.D

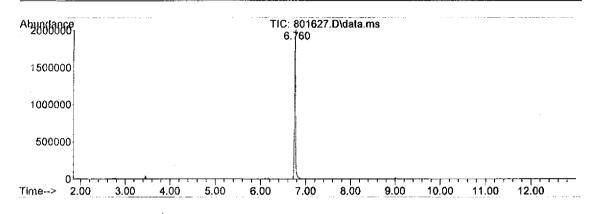
Operator : NEM

Date Acquired : 21 Sep 2011 7:23

Sample Name : Submitted by :

\C

Submitted by : KAC
Vial Number : 27
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.760	3327313	100.00	100.00

File Name : K:\09_20_11\801627.D

Operator : NEM

Date Acquired 21 Sep 2011 7:23

Sample Name Submitted by Vial Number

KAC 27 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

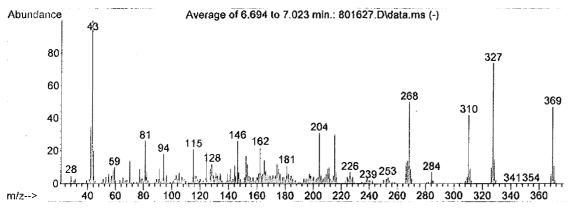
PK# RTLibrary/ID CAS# Qual

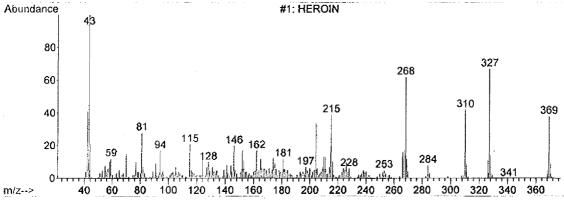
6.76 C:\Database\SLI.L 1

HEROIN

000561-27-3

99





File Name : K:\09_20_11\801631.D

Operator : NEM

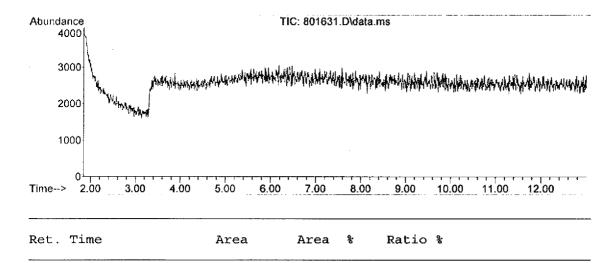
Date Acquired : 21 Sep 2011 8:22

Sample Name : BLANK

Submitted by

AcquisitionMeth: DRUGS.M

Vial Number Integrator : RTE



NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\09_20_11\801632.D

Operator : NEM

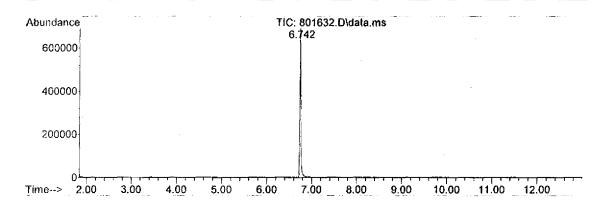
Date Acquired : 21 Sep 2011 8:38

: HEROIN STD Sample Name

Submitted by

: Vial Number 24 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.742	1124626	100.00	100.00

File Name : K:\09_20_11\801632.D

Operator : NEM

Date Acquired : 21 Sep 2011 8:38

Sample Name : HEROIN STD

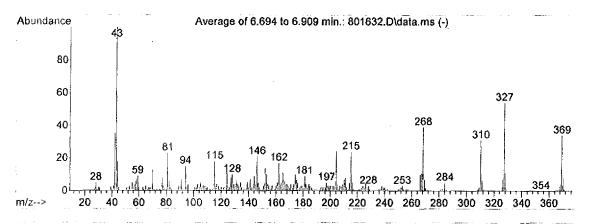
Submitted by

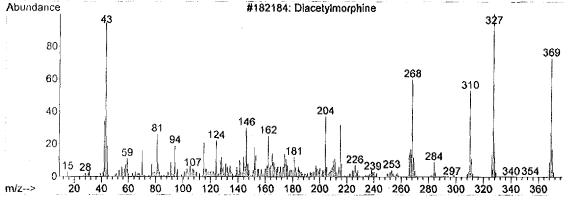
Vial Number : 24 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	6.74	C:\Database\NIST08.L Diacetylmorphine	000561-27-3	99
		Diacetylmorphine 6-Monoacetylmorphine	000561-27-3 002784-73-8	99 99





Submit ried by :

Vial number: 1

Acquit LionMeth: WSCREN,M

Integrator: RTE

At number: RTE

At number: At nu

Bune admired : BLANK

Information from Data File:

: NEW

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Area &

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07:6

YES Percent / Library Search Report

: K:/09_20_11/801634.D

Ratio %

Infortation from Data File: Fine time : $K:\09_20_11\801635.D$ Operator : NEM

Date required : 21 Sep 2011 9:43

Sample Name : BUPRENORPHINE STD

Submitted by : Submit ed by Vial lumber : 35 AcquisstionMeth: WSCREEN.M Integrator : RTE TIC: 801635.D\data.ms **A**lagoda 3 17.659 10000 1 600000 Till 3 2 3 00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 Re := -meArea Area % Ratio % **1**7.65 ± 7054212 100.00 100.00

```
Indicatation from Data File:
\mathbf{F}^{\text{total}} and the \mathbf{F}^{\text{total}}
                  : K:\09_20_11\801635.D
                   : NEM
Omeria
        r
Date .:quired
                     21 Sep 2011
Sampl
                     BUPRENORPHINE STD
        Name
Submirred by
Vial Ember
                      35
AcquisitionMeth: WSCREEN.M
                   : RTE
Integrator
                       C:\Database\SLI.L
                                                              Minimum Quality: 80
Scarc Libraries:
                                                              Minimum Quality: 80
                        C:\Database\NIST08.L
                        C:\Database\PMW_TOX2.L
                                                                   CAS#
   2.11
          RT
                    Library/ID
                                                                                 Qual
         17.66
                   C:\Database\NIST08.L
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                   99
                                                                                   99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                   95
                          Average of 17.455 to 17.922 min.; 801635.D\data.ms (-)
Abiliadra
                                                                   378
      \mathbb{R}^{n}
                                                                         410 <sub>434</sub>
                  84 101
      17 29
                      123 <sub>141</sub> 161 181197 216 239256 281 306
                                                                                450467
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
m
        7209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)--alpha.-(1,1-dimethylethyl)-4,5-epoxy-
             55
                                                                         410
                     60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
m/. < 2
```

Thu Oct 27 14:59:22 2011

Page 2

File Name : K:\09_20_11\801637.D

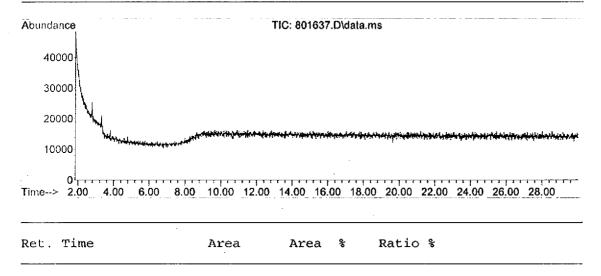
Operator : NEM

Date Acquired : 21 Sep 2011 10:49

Sample Name : BLANK Submitted by : KAC Vial Number : 1

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\09_20_11\801638.D

Operator : NEM

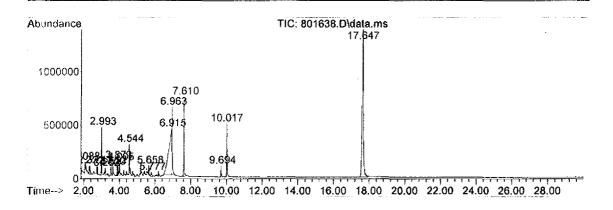
Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by :

KAC 38

Vial Number : 38 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.088	383645	2.14	5.57	-
2.322	277956	1.55	4.03	
2.747	131827	0.74	1.91	
2.993	646917	3.62	9.39	
3.202	134327	0.75	1.95	
3.520	161251	0.90	2.34	
3.621	183167	1.02	2.66	
3.873	136278	0.76	1.98	
3.927	181306	1.01	2.63	
4.005	188355	1.05	2.73	
4.544	350546	1.96	5.09	
5.658	138518	0.77	2.01	
5777	124799	0.70	1.81	
6.915	5139044	28.72	74.59	
6.963	871766	4.87	12.65	
7.610	886737	4.96	12.87	
9.694	170366	0.95	2,47	
10.017	894915	5.00	12.99	
17.647	6890006	38.51	100.00	

File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

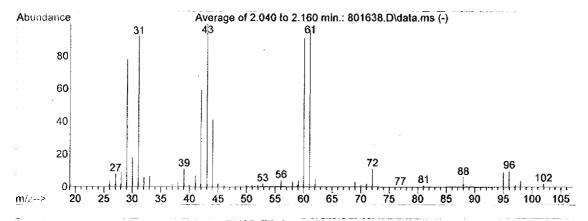
Integrator : RTE

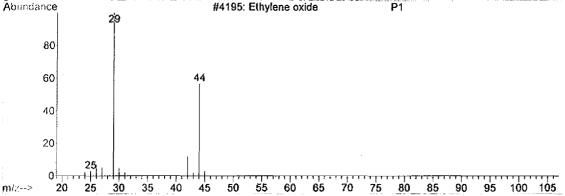
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

	PK#	RT	Library/ID	CAS#	Qual
_	1	2.09	C:\Database\PMW_TOX2.L		
			Ethylene oxi de	000075-21-8	9
			Acetic acid	000064-19-7	4
			Disulfiram	000097-77-8	2





Minimum Quality: 80

File Name : K:\09_20_11\801638.D

KAC

38

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by : Vial Number :

AcquisitionMeth: WSCREEN.M

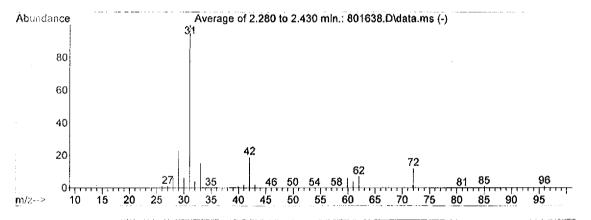
Integrator : RTE

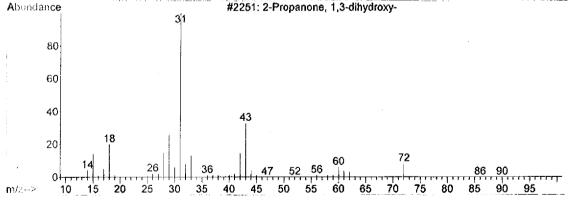
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST08.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,2-Ethanediol	000107-21-1	40
		1 3-Dihydroxyacetone dimer	062147-49-3	3.8





Minimum Quality: 80

File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired 21 Sep 2011 11:22

Sample Name Submitted by

KAC Vial Number 38

AcquisitionMeth: WSCREEN.M

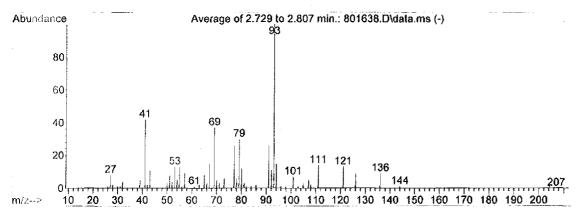
Integrator : RTE

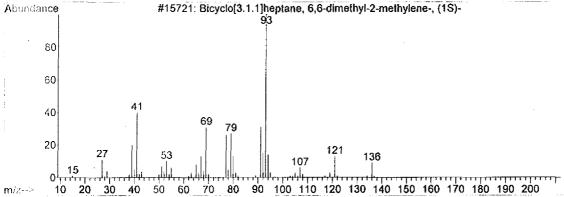
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80 C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qua1
3	2.75	C:\Database\NIST08.L Bicyclo[3.1.1]heptane,	6,6-dimethyl	018172-67-3	95
		.betaPinene	•	000127-91-3	93
		.betaPinene		000127-91-3	93





File Name : K:\09 20 11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by :

KAC

Vial Number : 38 AcquisitionMeth: WSCREEN.M

Integrator : RTE

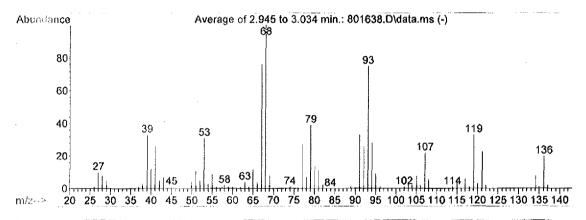
Search Libraries: C:\Database\SLI.L

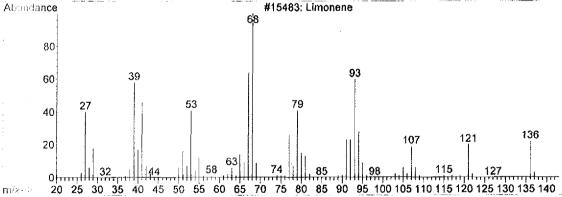
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
4	2.99	C:\Database\NIST08.L Limonene	000138-86-3	94
		D-Limonene D-Limonene	005989-27-5 005989-27-5	93 93





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KAC Submitted by : KAC

Vial Number : 38
AcquisitionMeth: WSCREEN.M

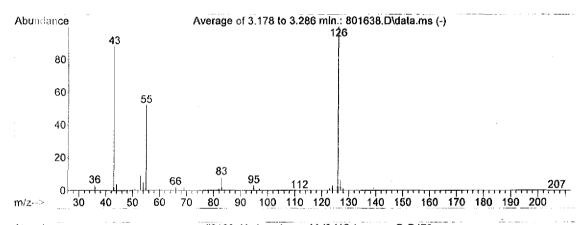
Integrator : RTE

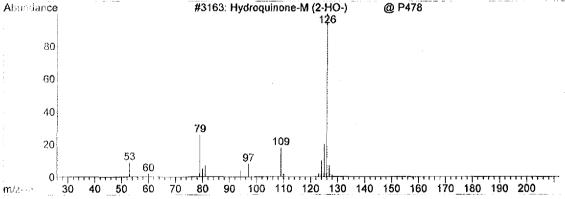
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 5	3.20	C:\Database\PMW_TOX2.L Hydroquinone-M (2-HO-)	@	000533-73-3	4
		Perhexiline-M (HO-) 2AC	Ū	000000-00-0	4
		Prolintane-M (HO-phenyl-)		000000-00-0	2





Minimum Quality: 80

: K:\09 20 11\801638.D File Name

Operator : NEM

: 21 Sep 2011 Date Acquired 11:22

Sample Name Submitted by KAC Vial Number 38 :

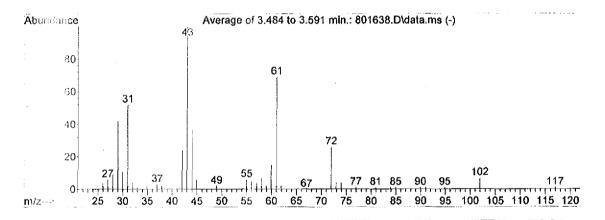
AcquisitionMeth: WSCREEN.M

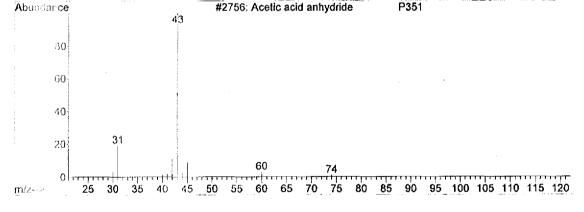
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
6	3.52	C:\Database\PMW_TOX2.L	000100 04 5	
		Acetic acid anhydride	000108-24-7	9
		Monolinuron	001746-81-2	2
		Ethvlacetate	@ 000141-78-6	2





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : Submitted by :

: KAC : 38

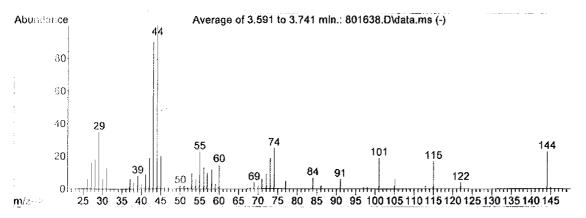
Vial Number : 38
AcquisitionMeth: WSCREEN.M

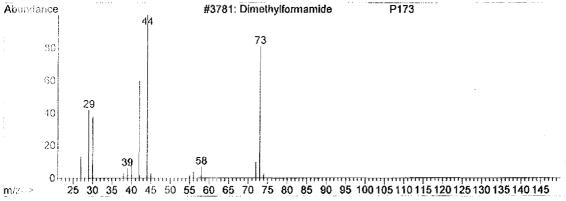
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

PK	# RT	Library/ID	CAS#	Qual
-7	3.62	C:\Database\PMW_TOX2.L		
		Dimethylformamide	000068-12-2	17
		PCDI precursor (dimethylamine)	000124-40-3	5
		Air with Helium and Water	000000-00-0	1





File Name : K:\09_20_11\801638.D

Operator : NEM

:_21 Sep 2011 11:22 Date Acquired

Sample Name

Submitted by KAC Vial Number 38

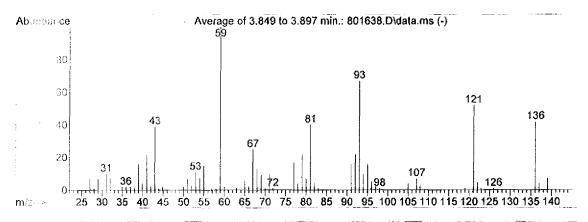
AcquisitionMeth: WSCREEN.M

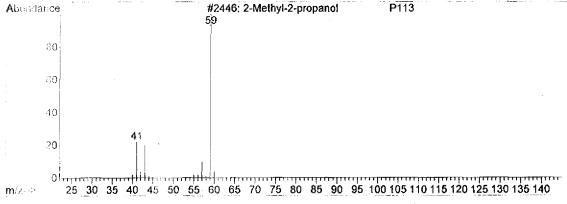
Integrator ; RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

	₽K#	RT	Library/ID	CAS#	Qual
_	8	3,87	C:\Database\PMW_TOX2.L	000075-65-0	4
			2-Methyl-2-propanol Trimethadion-M (nor-)	000000-00-0	2
			Diethylether	000060-29-7	1





File Name : K:\09 20 11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name :

Submitted by : KAC Vial Number : 38

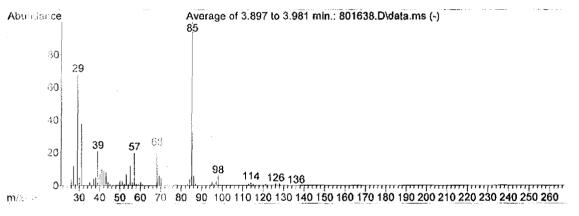
AcquisitionMeth: WSCREEN.M

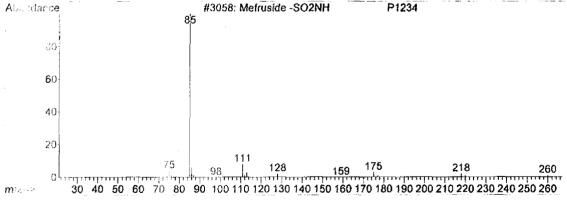
Integrator : RTE

Search Libraries: C:\Database\SLI,L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

₽К#	RT	Library/ID	CAS#	Qual
9	3.93	C:\Database\PMW_TOX2.L		
		Mefruside -SO2NH	000000-00-0	2
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1





File Name : K:\09_20 11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KAC : KAC

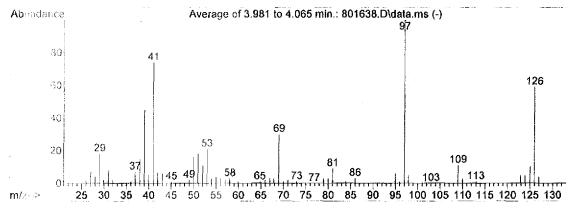
Vial Number : 38
AcquisitionMeth: WSCREEN.M

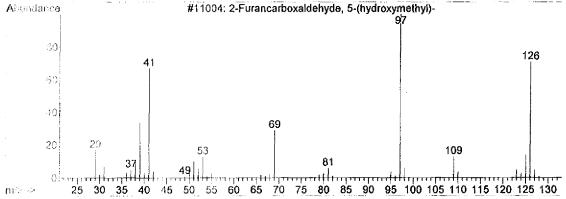
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID CAS#	Qual
 10	4.00	C:\Database\NIST08.L 2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0	81
		2-Furancarboxaldehyde, 5-(hydroxyme 000067-47-0	49
		1H-Pyrazole, 4,5-dihydro-3-methyl-1 026964-49-8	37





File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name
Submitted by

Vial Number

: KAC : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

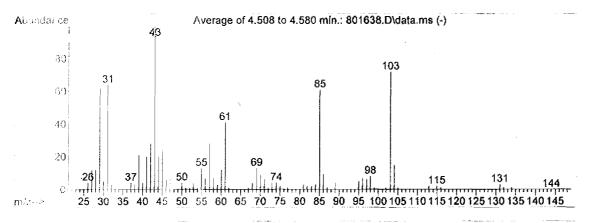
Search Libraries: C:\Database\SLI.L

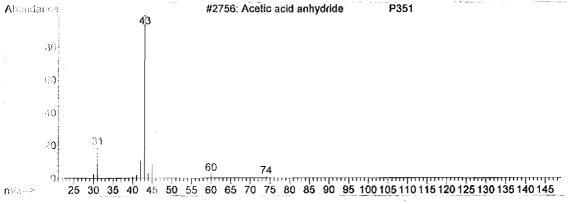
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

₽ К #	RT	Library/ID	CAS#	Qual
11	4.54	C:\Database\PMW_TOX2.L Acetic acid anhydride Nifenalol artifact	000108-24-7 00000-00-0	9
		Mefruside -SO2NH	000000-00-0	2





File Name : K:\09 20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KA

Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

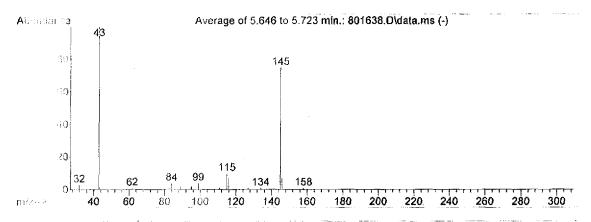
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

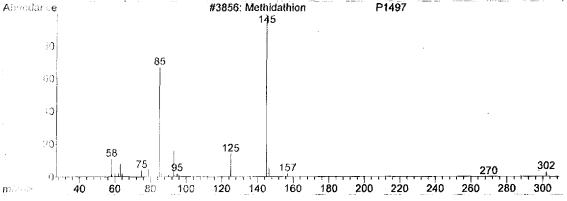
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

12 5.66 C:\Database\PMW_TOX2.L

Methidathion 000950-37-8 1





Area Percent / Library Search Report

Information from Data File:

File Name : K:\09_20_11\801638.D

Operator : NEM

Date Acquired : 21 Sep 2011 11:22

Sample Name : KAC

Submitted by : KAC Vial Number : 38

AcquisitionMeth: WSCREEN.M

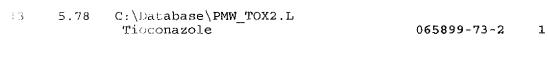
Integrator : RTE

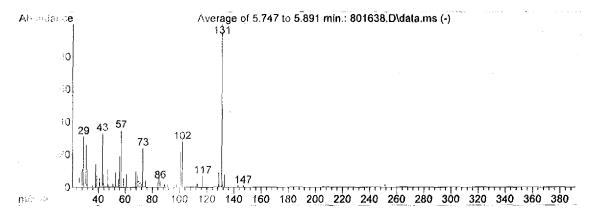
Searca Libraries: C:\Database\SLI.L

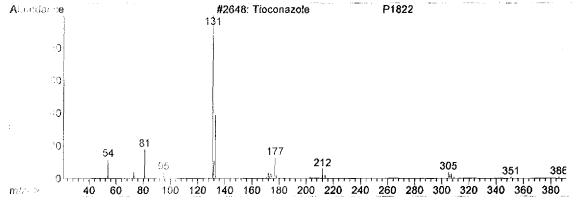
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual







File Jame : K:\09 20 11\801638.D

: NEM Operator

Date \cquired 21 Sep 2011 11:22

Sample Name

Submitted by KAC : Vial Number 3.8

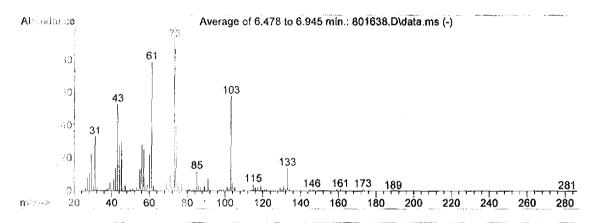
AcquisitionMeth: WSCREEN.M

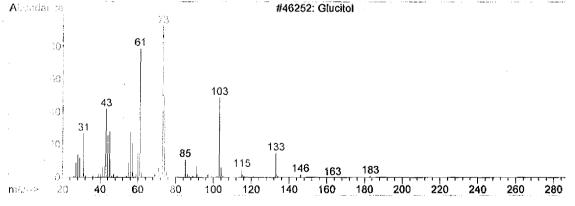
: RTE Integrator

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1.4	6.92	C:\Database\NIST08.L Glucitol Sombitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	91 90 86





File dame : K:\09_20_11\801638.D

Operator : NEM

Date sequired : 21 Sep 2011 11:22

Sample Name : KAC

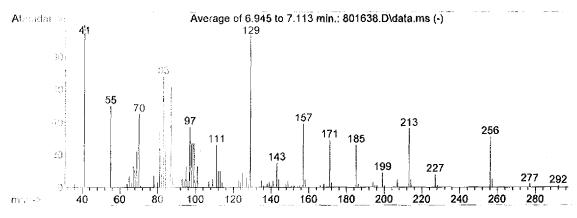
Vial Humber : 38 AcquisitionMeth: WSCREEN.M

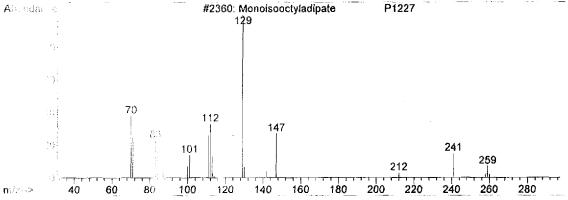
Integrator : RTE

Searc: Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

₽K#	RT	Library/ID	CAS#	Qual
1.55	6,96	C:\Database\PMW_TOX2.L	004227 65 0	10
		Mono isooctyladipate Carb idop a 2 MEAC	004337-65-9 000000-00-0	12
		Metronidazole AC	000000-00-0	7





File tame : $K: \09_20_11\801638.D$

Operator : NEM

Date sequired : 21 Sep 2011 11:22

Sampl: Name :

Submitted by : KAC Vial tumber : 38

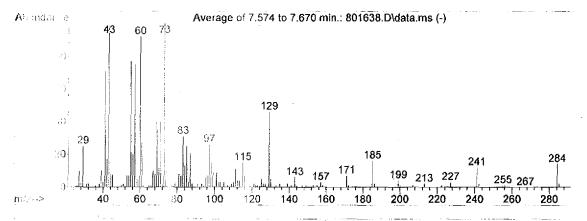
AcquisitionMeth: WSCREEN.M

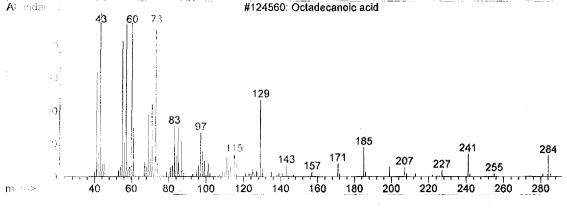
Integrator : RTE

Scarc : Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

₽K#	RT	Library/ID	CAS#	Qual
 16	7.61	C:\Database\NISTO8.L		
		Octa decanoic acid	000057-11-4	99
		Octa decanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96





lation sation from Data File:

File Dame : K:\09_20_11\801638.D

Opera or : NEM

Date Required 21 Sep 2011 11:22

Sampl: Name

Submitted by KAC Vial sumber 3.8

Acqui :itionMeth: WSCREEN.M

Integrator : RTE

Scarc : Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

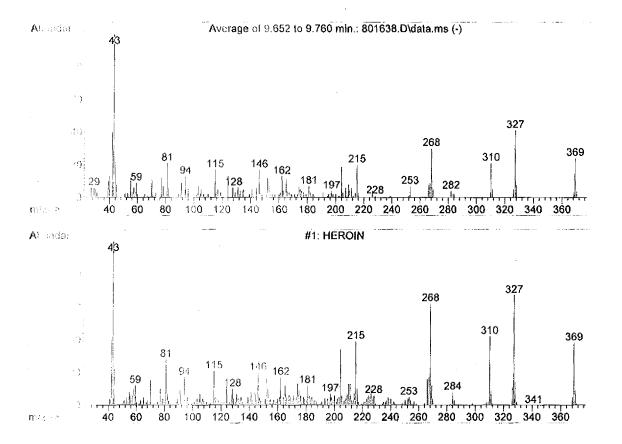
PKII RTLibrary/ID CAS# Qual

i. 7 9.69 C:\Database\SLI.L

HEROIN

000561-27-3 93

Minimum Quality: 80



```
Taffor vation from Data File:
File ime
                   : K:\09_20_11\801638.D
                   : NEM
Opena in
                   : 21 Sep 2011
Date Inquired
                                      11:22
Sampl Name
Submi med by
                      KAC
Vial tember
                      38
Acqui itionMeth: WSCREEN.M
Integ.ator
                   : RTE
                                                               Minimum Quality: 80
Searc : Libraries:
                        C:\Database\SLI.L
                        C:\Database\NIST08.L
                                                               Minimum Quality: 80
                        C:\Database\PMW_TOX2.L
                                                                    CAS#
                                                                                  Qual
  PKI
                    Library/ID
          RT
         10.02
                   C:\Database\NIST08.L
   78
                    Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6 Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                                   99
                                                                                   91
                    Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6
                                                                                    76
                           Average of 9.975 to 10.137 min.: 801638.D\data.ms (-)
Al- indar . 1
                                                                                   327
                                                              242
                55
                      82
      101.28
                          100
                                                   200
            40
                 60
                      80
                               120
                                         160
                                              180
                                                        220
                                                             240
Al-medan
                 #156547: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-
            41
                                                              242
                   <sup>70</sup> 82
                                                                         286
                                                                            300 312
                                      147 160
                                                                 256 270
                               120 140 160 180 200 220
                                                             240 260 280
                                                                            300
                      80
                 60
                          100
            40
```

```
Information from Data File:
                   : K:\09_20_11\801638.D
File : me
Opera or
                   : NEM
                     21 Sep 2011
Date cquired
Sample Name
Submi ...ed by
                      KAC
Vial Ember
                      38
Acquid tionMeth: WSCREEN.M
Integrator
                   : RTE
         Libraries:
                        C:\Database\SLI.L
                                                               Minimum Quality: 80
Scarc
                        C:\Database\NIST08.L
                                                               Minimum Quality: 80
                        C:\Database\PMW TOX2.L
          RT
                                                                    CAS#
   DK#
                    Library/ID
                                                                                  Qual
         17.65
                   C:\Database\NIST08.L
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                   99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                   99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                          Average of 17.461 to 17.922 min.; 801638, D\data.ms (-)
At a wine a
                                                                    378
      . (
       0
      41)
                                                                         410
       ° 29
             123 144 161 181197 216 237253270 292 310 336 32 394 450 467
60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
                                                                                450467
          40
Alemadar c#209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-,alpha.-(1,1-dimethylethyl)-4,5-epoxy-
       Э
             55
      . )
                                                                         410
                                                                             434
       0
                    336
                                                                                450467
          40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
\mathbf{n}(t) = c
```

File Name : K:\09_20_11\801649.D

Operator : NEM

Date Acquired : 21 Sep 2011 17:26

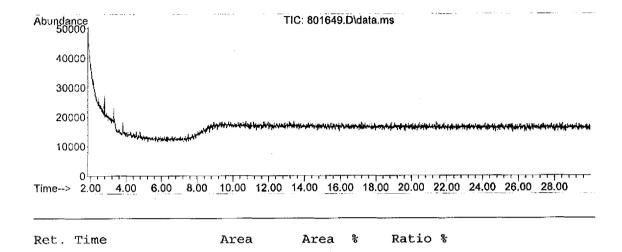
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\09_20_11\801650.D

Operator : NEM

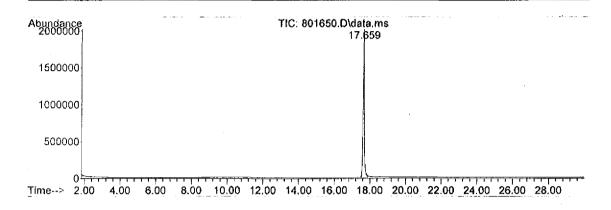
Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
17.659	9669267	100.00	100.00	

File Name : K:\09_20_11\801650.D

Operator : NEM

Date Acquired : 21 Sep 2011 18:00 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 35

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 17.66 C:\Database\NIST08.L

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 95

